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## FACSIMILE COVER SHEET

710 Lakeway Drive, Suite 200  
Sunnyvale, California 94085Phone: 408.749.6900  
Fax: 408.749.6901  
www.mplaw.com

INTELLECTUAL PROPERTY COUNSEL

MARTINE PENILLA &amp; GENCARELLA, LLP

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October 17, 2005

|                                      |   |
|--------------------------------------|---|
| TOTAL PAGES INCLUDING THIS SHEET: 10 | RECEIVER TEL NO:                              |
| SENDER: Michael L. Gencarella, Esq.  | RECEIVER FAX NO: 571-273-8300<br>571 273 4042 |
| RECEIVER: Cam Y T Truong             | OUR FILE REF: ALTEP066                        |
| COMPANY: USPTO                       | YOUR FILE REF: 09/842,387                     |

Message:

Attached please find our 3rd Supplemental Amendment dated October 17, 2005.

## PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
GROVE et al.

Application No.: 09/842,387

Filed: April 25, 2001

For: METHOD AND SYSTEM FOR RAPID INSERTION  
OF VARIOUS DATA STREAMS INTO SORTED TREE  
STRUCTURES

) Atty. Docket No: ALTEP066

) Examiner: Truong, Cam Y T

) Group Art Unit: 2162

) Date: October 17, 2005

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being transmitted by  
facsimile to the U.S. Patent and Trademark Office at (571) 273-8300  
on October 17, 2005.

Signed: 

Michael L. Gencarella

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

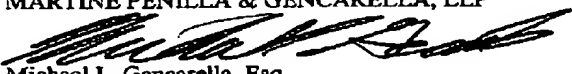
Sir:

Transmitted herewith is an Amendment in the above-identified application.  
The fee has been calculated as shown below.

|   | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Previously<br>Paid For Extra | Present | SMALL ENTITY<br>RATE FEE | OR | LARGE ENTITY<br>RATE FEE |
|---|---|---|---------|--------------------------|----|--------------------------|
| TOTAL CLAIMS  | 17 -                                      | 49                                      | 00      | X09 = \$                 | OR | X18 = \$                 |
| INDEP CLAIMS  | 02 -                                      | 03                                      | 00      | X43 = \$                 | OR | X88 = \$                 |
| [ ] Multiple Dependent Claim Present<br>and Fee Not Previously Paid |   |   |         | \$145                    |    | X300 \$                  |
|   |   |   | TOTAL   | \$                       |    | \$                       |

- ☐ Applicant(s) hereby petition for a month(s) extension of time to respond to the outstanding Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-0805 (Order No. ALTEP066).
- ☐ Enclosed is our Check No. in the amount of to cover the additional claim fee and/or extension of time fees.
- ☒ If the required fees are missing or any additional fees are required to facilitate filing the enclosed response, please charge such fees or credit any overpayment to Deposit Account No. 50-0805 (Order No. ALTEP066). A copy of this sheet is enclosed.

Respectfully submitted,  
MARTINE PENILLA & GENCARELLA, LLP

  
Michael L. Gencarella, Esq.  
Registration No. 44,703

710 Lakeway Drive, Suite 200  
Sunnyvale, CA 94085  
Telephone: (408) 774-6921  
Customer Number 45640

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                    |   |                           |
|------------------------------------|---|---------------------------|
| <u>In re</u> application of:       | ) | Atty. Docket No: ALTEP066 |
| GROVE et al.                       | ) |                           |
|                                    | ) | Examiner: Truong, Cam Y T |
| Application No.: 09/842,387        | ) |                           |
|                                    | ) | Group Art Unit: 2162      |
| Filed: April 25, 2001              | ) |                           |
|                                    | ) | Date: October 17, 2005    |
| For: METHOD AND SYSTEM FOR RAPID   | ) |                           |
| INSERTION OF VARIOUS DATA STREAMS  | ) |                           |
| <u>INTO SORTED TREE STRUCTURES</u> | ) |                           |

CERTIFICATE OF FACSIMILE TRANSMISSION  
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(571) 273-8300 on October 17, 2005.

Signed: \_\_\_\_\_

Michael L. Gencarella

3<sup>rd</sup> SUPPLEMENTAL AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Communication is being sent at the Examiner's request to further address  
amendments to the specification. Please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims, which begins on  
page 3 of this paper.

Remarks begin on page 8.